



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

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नई दिल्ली, शनिवार, जनवरी 6, 1973 (पौष 16, 1894)

No. 1]

NEW DELHI, SATURDAY, JANUARY 6, 1973 (PAUSA 16, 1894)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 6th January, 1973

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

Application for Patents filed at the Head Office

16th December 1972

- 2168/72. Council of Scientific and Industrial Research. A process to coat steel surfaces with vinyl compositions and the products thus coated.
- 2169/72. Ram Lal Gupta. Electric driven bicycle.
- 2170/72. Mitsubishi Petrochemical Company Limited and Dainichi, Nihon Densen Kabushiki Kaisha. Production of electrical conductors covered with crosslinked material.
- 2171/72. Hudswell Morrice Limited. Trench shoring frame. (16th December 1971).
- 2172/72. Societe Nationale Des Poudres Et Explosifs. A propellant powder composition.
- 2173/72. Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Device for rendering uniform the feed of incandescent filaments (coils) of light sources.
- 2174/72. C. Reichert Optische Werke AG. Device for an infinite adjustment of the specimen stroke in microtomes and ultramicrotomes.

18th December 1972

- 2175/72 Library of Tibetan Works & Archives. A tibetan typewriter.
- 2176/72. Lambeg Industrial Research Association. (Fibrillated film. (18th December 1971).
- 2177/72. Bayer Aktiengesellschaft. A process for the production of absorbents.

- 2178/72. Eddybel S. A. Apparatus for producing a coiled thread package.
- 2179/72. National Rubber Manufacturers Limited. Improvements in or relating to railway draw and buffing springs and their assembly in the casing.
- 2180/72. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New water-soluble reactive dyestuffs and process for preparing them.
- 2181/72. Burroughs Corporation. Computer program for automatic production of firmware. (22nd May 1972).

19th December 1972

- 2182/72. Chemicals India. The manufacture of a pigment from mineral wollastonite (calcium meta silicate) by chemical disintegration of upto 0.5 micron particle size.
- 2183/72. Chemicals India. Manufacture of hydrated calcium silicate, calcium chloride and silica gel from the mineral wollastonite by a chemical process.
- 2184/72. Council of Scientific and Industrial Research. Anticorrosive and scratch resistant peel-off lacquer for protection of aluminium and light alloys.
- 2185/72. Council of Scientific and Industrial Research. Pretreatment and chemical colouring of structural aluminium.
- 2186/72. Ram Lal Gupta. Self feeding fan.
- 2187/72. Union Carbide Corporation. Degradable polyolefin film.
- 2188/72. Dunlop Limited. Pneumatic tyre and wheel assemblies. (22nd December 1971).
- 2189/72. Joseph Lucas (Electrical) Limited. Spark ignition systems. (21st December 1972).
- 2190/72. Tea Research Association. Extraction of caffeine from tea waste.

(1)

- 2191/72. Dana Corporation. Self-adjusting clutch.
- 2192/72. K. Tezuka. Apparatus for compressing metal scraps and the like.
- 2193/72. N. V. Philips Gloeilampenfabrieken. Device for automatic equalisation.
- 20th December 1972
- 2194/72. The Director, Jute Technological Research Laboratories, Indian Council of Agricultural Research. Photo-electric meter to measure Brightness, colour and lustre of flat surface.
- 2195/72. Nitro Nobel Aktiebolag. Plant for production of an explosive consisting of a solid phase and a liquid phase.
- 2196/72. Nitro Nobel Aktiebolag. Prefabricated and movable plant for production of an explosive consisting of a solid phase and a liquid phase.
- 2197/72. Bayer Aktiengesellschaft. Process for the manufacture of anthraquinone sulphonic acids.
- 2198/72. Roto Diesel. Improvements to fuel injection pumps for I. C. engines.
- 2199/72. Societe Anonyme des Etablissements Roure-Bertrand Fils & Justin Dupont. Cyclic ketone.
- 2200/72. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of pure 1-aminoanthraquinone.
- 2201/72. Norton Company. Method of producing abrasive.
- 2202/72. Veb Chemiefaserkombinat Schwarza "Wilhelm Pieck". Apparatus for the continuous poly condensation of polyesters.
- 21st December 1972
- 2203/72. C. R. Gupta, Kamla Gupta, Subhashini Gupta and Arun Kumar Gupta. The manufacture of an improved oxidation-cum-tea drier or fermentation-cum-tea drier machine.
- 2204/72. Uss Engineers and Consultants, Inc. Apparatus for manipulating a hot metal tundish on a gantry car.
- 2205/72. Societe D'Etude Et D'Application Des Techniques Nouvelles "Neo-tec". New method of radio position-fixing of the hyperbolic phase-measurement type.
- 2206/72. Bayer Aktiengesellschaft. A process for protecting natural and synthetic diene polymers against degradation.
- 2207/72. Bayer Aktiengesellschaft. Process for the manufacture of 1-nitroanthraquinone and 1-aminoanthraquinone.
- 2208/72. Ethicon, Inc. Electropolishing of drilled surgical needles. [Addition to No. 129998].
- 22nd December 1972
- 2209/72. Uss Engineers and Consultants, Inc. Method and apparatus for cutting a continuously formed casting into short-length segments.
- 2210/72. Uss Engineers and Consultants, Inc. Improvements to oxygen sensors.
- 2211/72. Bayer Aktiengesellschaft. A process for the production of morpholinodithiothiazolen.
- 2212/72. Chloride Batteries Australia Limited. Battery terminal and cell connector. (23rd December 1971).
- 2213/72. Ube Industries, Ltd. Method of control of extrusion speed in extrusion press.
- 2214/72. Siemens Aktiengesellschaft. An electrical fuse assembly.
- 2215/72. Alps Electric Co., Ltd. Balance control.
- 2216/72. Wiggins Teape Limited. Colour formers. (30th December 1971).
- 2217/72. Ballestra S.p.A. A method for the removal of non-saturated and/or aromatic hydrocarbons from saturated paraffine hydrocarbons and a device suitable to embody said.

**Application for Patents filed at the Head Office
(Bombay Branch)**

11th December 1972

- 134/Bom-1972. Mit-N-Mir. Improvements in or relating to pre-cast concrete head regulations for controlling water supply flowing from a distributory to minor canals or the like.
- 135/Bom-1972. Mit-N-Mir. Improvements in or relating to pre-cast cross regulations and the like for regulating the water flow in a minor canal branching out from the distributory.
- 136/Bom-1972. Subir Kar and B. Y. Murthy. Apparatus for pressure measurement.
- 137/Bom-1972. M. B. Bhatt. A lock for the steering mechanism of a vehicle.

12th December 1972

- 138/Bom-1972. K. B. Bhatia. Improvements in or relating to emergency lights in cases of power failures.
- 139/Bom-1972. Hindustan Lever Limited. Improved enzymes.

13th December 1972

- 140/Bom-1972. G. J. Alves. Gas exhaustion indicating device.
- 141/Bom-1972. A. Kagalwala, R. Kagalwala and R. Kagalwala. Improvements in or relating to ballasts for fluorescent lamps.

14th December 1972

- 142/Bom-1972. K. D. Kalra. A prime mover for mobile applications.

15th December 1972

- 143/Bom-1972. N. F. Rangoonwala and A. N. Aria. New type of flush tank.
- 144/Bom-1972. Hindustan Lever Limited. Catalysts. (17th December 1971).
- 145/Bom-1972. Hindustan Lever Limited. Dentifrice.

16th December 1972

- 146/Bom-1972. G. L. Mathreja. Mobile hot mix asphalt premix plant.

18th December 1972

- 147/Bom-1972. G. K. Reddy. Single phasing preventor.

Complete Specifications Accepted

Notice is hereby given that all persons interested in opposing the grant of patent on any of the applications concerned, may at any time within four months of the date of this Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents in the prescribed Form 15 of the Patents Rules, 1972, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8, Kiron Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra, if sent out of India). Requisition for the supply of the printed specification should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications together with copies of the drawings, if any, can be supplied by Patent Office on payment of the necessary charges which may be ascertained on application to this office.

The date shown in Crescent brackets are dates allowed under Section 135 of the Act.

81170. H. Morren. New piperazine derivatives.

Comprises reacting 2, 3-epoxy-1-propanol with a corresponding substituted piperazine.

82813. Parke, Davis & Company. Process for the production of 1-(2-pyridyl)-1-propene compounds.

By reacting a 1- (2-pyridyl) propene -2-01 compound in free base with a strong acid.

108519. Parke, Davis & Company. New polymeric 4, 4'-sulfonyldianiline compounds and methods for their production.

Characterized in that a 4, 4'-sulfonyldiamine compound is reacted with a dialdehyde compound.

110775. E. Gy. T. Gyogyszervegyeszeti Gyar (formerly known as Egyesult Gyogyszer Es Tapsergyar). New derivatives of aminoalkyl pyridines and process for their preparation.

Process for preparing new derivatives of aminoalkyl pyridine in which a suitable aldehyde is reacted with an aminoalkyl pyridine and thus obtained compound is selectively reduced to aminoalkyl pyridine derivative.

111347. Sumitomo Chemical Company, Ltd., Process for producing alpha-amino acid.

Process for producing α -amino acid which comprises reacting in an aqueous medium (a) an aldehyde or ketone, (b) ammonia and carbon dioxide, ammonium bicarbonate or ammonium carbonate (c) hydrocyanic acid or a cyanide compound where (b) and (c) are added in excess, to yield a hydantoin compound, it is then hydrolysed in presence of an alkali, concentrating the resulting liquid, α -amino acid is obtained on neutralisation of the alkali present or on removal of the alkali by ion-exchange resin.

121631. E. Merck Aktiengesellschaft. Process for preparing 9 α -fluoro-16-methylene-prednisolone.

Comprises reacting 9 β , 11 β , 16 α , 17 α diepoxy-16 β -methyl-progesterone with hydrofluoric acid and with a microbiological 1(2) dehydrating agent and treating the resultant compound with iodine in alkaline solution and then with an alkali metal acetate.

125973. E. R. Squibb & Sons., Inc. Process for producing morpholinoalkyl benzothiazinones and related compounds.

Reacting the appropriately substituted benzoxazinones or dihydroquinolines with a morpholino lower alkyl halide in dimethyl sulfoxide reaction medium.

127364. Pfizer Corporation. A process for increasing the recoverable yield of antibiotics and penicillin acylase from fermentation broth.

Comprises in introduction of at least above 10 ppm, w/v of protease, cellulose or lysozyme in the fermentation from before the recovery of antibiotics and penicillin acylase from it.

127909. Council of Scientific and Industrial Research. A process for production of agglomerates for use as smokeless domestic, industrial or metallurgical fuels.

Crushing a mixture of middling, rejects and slurries from caking coal washeries and/or caking or caking coals of any quality having a caking index above 10(I.S.I.) to a particle size 100% minus 0.5 mm., mixing it with 15 to 22% water, the mixture is then pelletized, the green pellets are thermally dried and devolatilized and the hot pellets are cooled by quenching.

128153. Ugué Kuhlmann. Process for the heat treatment of a stainless semi-ferritic manganese steel. (29th May 1970).

The austenite in the metal is converted into martensite at ambient temperature and heated to temperature of not more than 850°C converting the martensite into ferrite and carbide.

128448. Linden-Alimak AB. Improvements in methods for mining in barren rocks or orebodies.

Mining is carried out by a drill unit movably suspended or rail means fastened to roof of the drift or underground cavity, the mining being carried by the drill unit and comprising drilling and loading blast holes, drill unit is removed from mining area, blasting is carried out, the drill unit is brought again forward to working area and the drilling and loading steps are repeated at the same time as loosened material is removed.

128470. Champion Spark plug Company. A method of producing a seat in a spark plug and spark plugs produced by the method.

Steps of forming an annular, upwardly facing shoulder within the shell spining for engaging the downwardly facing insulator shoulder, sliding said insulator into the upper end of said shell and applying a sufficient axial force between said insulator and said shell.

129022. Raytheon Company. Heat exchange system. (16th October 1970).

Heat exchanger comprising a matrix providing a conduit for a fluid and a plurality of interconnected passages therethrough, the major portion of the walls of the passages having surface areas which are carved in two directions, and means positioned in a plenum formed by the heat exchanger for producing a gaseous medium having a temperature in excess of 1000°F and for directing the gas through the passages.

129191. Riker Laboratories, Inc. An inhalation actuable dispenser.

Comprises a housing formed with an air passage terminating at a mouth piece, a main spring mounted on said housing a charging apparatus a latch assembly and a cover for said mouth piece.

129389. Manohar Industries. A structure of reinforced concrete for use in lining the beds of canals and slabs and railings for use with the same.

Comprising R. C. slabs and railing, each slab having a top wall, a bottom connected by side walls one of the side walls having a vertical surface and a sloping surface, the opposed side wall of adjacent slab having complementary surfaces, said railing having a neck and a body, the two faces of the neck having surfaces complementary to the surfaces of the said one side wall and opposed side wall.

129579. Imperial Metal Industries (Kynoch) Limited. Improvements in or relating to electrodes for use in electrolytic processes. (22nd December 1969).

Wherein layer of oxide of film forming metal is formed on electrode with surface of film forming metals like titanium or tantalum, by applying solution containing film forming metal ions, their being also super imposed layer of electrically conductive electrolyte resistant metal of platinum group or its oxide.

129659. Ripon Berry. A wire rope type ratchet hoist machine.

Comprising a rope winding drum, a ratchet wheel having peripheral teeth engageable by a first pawl mounted on an operating handle and a second pawl mounted on body frame of the machine, a cam with control lever mounted on the handle, an anchoring means (for e.g. a steel frame hook) fixed to said frame and connecting means at the other end for connecting rope end for a two full arrangement.

129676. The Director, Jute Technological Research Laboratories. Indian Council of Agricultural Research. Process for the production of particle board from agricultural waste products.

Lignocellulosic material is ground, mixed with 1 to 2% one sulphuric acid, 5% water, 10 to 15% of lime or 8 to 10% urea by weight of the

material and pressed in a mould at a hot press between temperatures of 130 to 140°C and pressure of 2 to 2.5 tons per square inch.

129677. S. D. Patel. Tractor drawn cultivator.

The plough share and a scoop which are separate components are releasably fitted to the bracket, said plough share having an elongate body and means for selectively fixing the share to the bracket.

129732. Tabai Manufacturing Company, Limited. Apparatus for controlling temperature and humidity in temperature and humidity chamber.

Comprising a humidifier incorporating a heater, a cooling and dehumidifying unit, an air heater and a blower disposed in an air conditioning compartment communicating with a working space and arranged in the direction of the air stream in the sequential order as set forth above.

129733. M. N. Mistry. Improvements in or relating to electric switch specially for loom.

Comprising a casing with a detachable cover, the casing having cable holes, a connector part, a contactor part and a push button, the interconnectors of respective terminals being made by metallic contact links provided on contactor part slidably fitted over guide bars, wherein all the internal parts are visible on removal of detachable cover.

129854. Hindustan Leve Limited. Instant tea powders.

Comprising the steps of extracting tea leaf with hot water adding tea pectic substances to the tea extract and spray drying the combined tea extract and tea pectic substances.

129922. Combined Optical Industries Limited. Improvements in or relating to mirror attachments. (23rd January 1970).

Comprises a mirror body including a first and second reflecting surfaces, hinge means integral with the body and a carrier having hinge means engaged by the mirror hinge means and retaining means.

129967. International Flavors & Fragrances Inc. Process for the preparation of dialkylhydroxyfuran-3-ones.

Comprises reacting dihalo-diketone $R\text{CHX}-O-O-$
 $\parallel \quad \parallel$
 $-C-C-$ CHX-R with ag. alkali metal or alkaline earth metal hydroxide at 75–125°C, & being halogen and $R-C_1-C_6$ alkyl.

130048. Montecatini Edison S.p.A. A continuous autothermic process for the production of high titred aluminum trifluoride.

Characterised in that the trihydrated alumina is first dehydrated to monohydrated alumina upto 20% of the total and then is introduced at 140 to 160°C into a preheated fluid bed reactor wherein it is contacted with hydrofluoric acid vapours at 80 to 100°C.

130128. Japan Metals and Chemicals Co., Ltd. Method of manufacturing low-carbon ferrochromium.

Chrome ore and lime mixture heated at 900°C and above in a rotary kiln to reduce the CO_2 content in the mixture to below 0.1%, and then the 30 to 60% parts of the burnt raw material obtained are smelted in an electric furnace, and the remaining 70–40 parts of the burnt raw material with silico-chromium are added and reacted with the melted slag obtained the electric furnace.

130157. Parkson Corporation. Process for reacting a gaseous reactant with a liquid reactant.

Comprising passing a gas liquid mixture through a tortuous flow path so as to introduce turbulence.

130715. W. H. Engle. Modular structures of two basic elements used in building industry.

Comprising a plurality of first tubular members forming rows, each member being of equal size

and length and terminating in flattened ends and a plurality of second tubular members equal in size but shorter in length than first members, being inwardly disposed between adjacent rows and flattened ends bolted to the flattened ends of first members to form joints thereby angularly extending from each joint on a row to the nearest joint on the immediately adjacent row.

130752. Sperry Rand Corporation. Improvements in axial piston pumps.

It has a rotatable cylinder barrel carrying a plurality of reciprocable pistons, a stationary valve plate having arcuate inlet and outlet ports separated by top and bottom dead-centre sealing lands, a swash plate mounted for tilting motion and ball jointed piston shoes slidable around said swash plate.

130859. Girling Limited. Improvements in and relating to servo boosters for vehicle brake systems. (11th April 1970).

Characterised in that the push rod assembly is rigidly located relative to the valve seat member by a tubular nut which engages the valve seat member with an interference fit therebetween.

130995. Applied Power Industries, Inc. Freely positionable force distributing device.

Comprises a freely positionable force distributing device having base member, retaining means carried by said base member, and anchor means carried by said base member.

131067. Index S. A. Improvements in or relating to window hinge devices.

Comprising a stationary part having guiding and supporting means and engaging means spaced therefrom, and a pivotable part pivotably supported on the stationary part and having a portion in which on pivot pin mounted, said portion encompassing said guiding and supporting means, abutting means being disposed on the pivotable part to engage said engaging means on the stationary part.

131068. Index S. A. Improvements in or relating to window, door or like assemblies.

Comprising a metal frame, one or more fittings attached to the frame by screws secured in the frame by nut plates arranged internally of the frame, said plates having at least two screw receiving openings and at least two bosses projecting from a face thereof containing the openings, said bosses engaging in corresponding spaced apertures or recesses in the frame.

131333. Vsesojuzny Nauchno-Issledovatel'sky Institut Zavodskoi Tekhnologii Sbornykh Zhelezobetonnykh Konstruktsiy I Izdely "Vniizhelezbeton", and Vsesojuzny Gosudarstvenny Proektno-Konstruktorsky Institut Stroitelnykh Mashin "Giprostrommashina". Vibrating table.

Comprising supporting elements, vibrating frame, vibrating units mounted on the longitudinal wall with unbalanced shafts and electric drive.

131369. Halcon International, Inc. Process for production of esters of bis-(hydroxyethyl) terephthalate.

Comprises reacting terephthalic acid with C_2-C_4 diester of ethyleneglycol in liquid phase at 100–350°C in presence of acidic catalyst.

131405. International Nickel Limited. Treatment corrosion-resistant chromium containing alloys.

Treatment of the alloy in chromic acid and sulphuric acid containing solution in which the film subjected to electrolysis as the cathode to deposit chromium to harden the film.

131635. B. E. Doongaji. A new means for eliminating or minimising the splash effect of molten metal during casting of steel ingots.

Comprising atleast one pad formed by closely wound spirals made of pleated ropes woven from fibrous strands of steel wool, the pad having shape and size adapted to cover the entire bottom area of the ingot mould.

131748. Sony Corporation. Colour television decoding system for a receiver.

Delay means for delaying chrominance components a predetermined length of time, switching means for transmitting segments of chrominance components for selected intervals of time, first and second demodulator means to demodulate the continuous selected chrominance chrominance signal, first and second generator means to generate first and second signals, control means connected to generator means, means connecting first generator means to first demodulator means to derive first chrominance component and means connecting second generator means to second demodulator means to derive a demodulated signal.

132014. Edward L. Bateman Limited. Gas scrubbing method and apparatus.

Comprising dividing the gas into at least one divergent and one convergent stream, intermingling the two convergent stream into a zone located at the apex of the converging path and introducing the scrubbing liquor before intermingling, and apparatus therefore.

132047. Girling Limited. Improvements in and relating to servo-motors for vehicle brake systems. (16th July 1970).

Comprising a plurality of rigid fingers held in regular circularly spaced relationship of which some, but not all, are adapted to pivot alternatively about the concentric valve seats.

132067. N. L. Industries, Inc. Vibration-resistant, thread-forming screw.

Comprises an elongated threaded shank and a plurality of exterior lobes distributed circumferentially about said shank and extending spirally therealong angularly opposite to the direction of threads.

132283. Burroughs Corporation. A display device.

Comprising a gas-filled envelope including an insulating base plate having a top surface, a plurality of conductive strips on the top surface of base plate, an insulating layer on strips, a group of apertures in layer each aligned with and exposing one conductive strip, a conductive member in each of apertures in direct contact with associated conductive strip, an anode electrode associated with conductive members in apertures, a glass cover plate, glass cover plate and base plate being hermetically sealed together to form envelope.

132532. Mrs. Meers Muralidhar Hattiangadi and Dr. M. S. R. Hattiangadi. A device for automatic cleaning of pH electrodes.

Comprising the cleaning action being effected by mildly scrubbing the surfaces of the electrodes with soft nylon brushes mounted on two wheels with teeth meshing and rotated concentric with the electrodes by a third smaller wheel called the drive wheel.

132541. The Singer Company (U.K.) Limited. An adjustable jerker bar mechanism for a lifting machine. (22nd August 1970).

Comprising two jerker bars at least one of the bars comprises a composite structure including a movably mounted jerker bar and an adjustment means.

132674. Dowty Technical Developments Limited. A variable displacement hydraulic pump or motor.

Comprises a displacement varying member, means responsive to the operative hydraulic pressure in the pump or motor a hydraulic servo-cylinder, a hydraulic servo-piston, a control unit and a high pressure port.

132805. Stauffer Chemical Company. Method for their preparation of substituted phthalimide derivatives.

Comprises reacting a nitro substituted phthalic anhydride with an alkylamine in presence of a solvent, reducing the reaction product to an ami-

nosubstituted alkylphthalimide and acetylating the product.

132964. D. I. Kumar. An improved 'Yo-Yo'.

Characterized in that the outer surface of each of the two discs is provided with at least one pair of contacts, the said contacts holding at least one dry cell, the dry cell being connected with one electric bulb, the electric circuit being provided at one point with a break which acts as a switch, at the point of break being fitted one fixed contact and another moving contact.

132983. Kalyan Kumar Banerjee. Improvements in or relating to light weight aggregates for concrete.

Treating light weight aggregates with a water-repellent material or chemical and water repellent material used being silicon.

133197. Mark Isaakovich Frenkel. Cylinder of reciprocating ion compressor.

Comprising cylindrical suction and discharge valves, a working surface (cylinder face) suction and discharge chambers surrounding said valves.

133333. International Standard Electric Corporation. Strip splicing. (8th December 1970).

Including a first cutting block rigidly mounted on a base member, a second cutting block adjacent the first cutting block but movably mounted on the base member, a strip material alignment groove in each cutting block.

133588. Chandi Charan Mukherjee. Improvements in or relating to closed container assemblies and sealing means therefor.

Comprising a closure cap and a container connected to each other, intermediate sealing members introduced between the closure cap and the container, the arrangement being such as to enclose the sealing members completely within the container.

134282. Joseph Lucas (Industries) Limited. An electrical switch and lock assembly for use in a vehicle. (22nd January 1971).

Comprising a drive member having movable contacts mounted for rotation within a casing carrying fixed contacts and coupled to a barrel of a cylinder lock mechanism and a locking device operating member coupled to the drive member.

Opposition Proceedings

(1)

The opposition entered by the Chairman, Indian Tea Association to the grant of a patent on application No. 105803 made by Steelsworth Private Limited, as notified in Part III, Section 2 of the Gazette of India dated the 27th July 1968, has been dismissed.

(2)

The opposition entered by Ramchandra Vithal Ralkar to the grant of a patent on application No. 112108 made by Dinkar Gundopant Jambotkar, as notified in Part III, Section 2 of the Gazette of India, dated the 16th August 1969, has been treated as withdrawn, but a patent will not be sealed on the application in view of another opposition entered by S. N. Dasgupta to the grant of a patent thereon having succeeded.

(3)

The opposition entered by Sarojendra Nath Das Gupta to the grant of patent on application No. 1112108 made by Dinkar Gundopant Jambotkar, as notified in Part III, Section 2 of the Gazette of India dated the 13th June 1970, has been successful and the application for the patent has been refused.

(4)

An opposition entered by Phoolchand Sanghvi & others to the grant of a patent on application No. 120567 made by Ramesh Chandra Palhan has been dismissed and sealing of a patent on the application in due course has been ordered.

(5)

An opposition entered by J. S. Jhevari & others to the grant of a patent on application No. 123815 made by R. S. Singh & V. L. Xavier has been dismissed and sealing of a patent on the application in due course has been ordered.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

89999 91176 92020 92767 93315 93402 93663 93695 93698
93721 93749 93785 93788 93850 93855 93886 93907 93967
94036 94091 94180 94226 94229 94319 94524 94592 94602
94726 94758 94832 94845 94859 94951 95102 95109 95174
95180 95186 95233 95234 95235 95242 95243 95272 95285
95293 95294 95300 95306 95354 95370 95413 95430 95485
95531 95533 95588 95608 95617 95663 95817 95833 95834
95838 95914 96115 96139 102299.

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95926 96727 96813 96816 96817 96834 96856 96902 96906
96907 96930 96946 96950 96952 96961 96972 97002 97021
97054 97062 97086 97087 97127 97152 97305 97418 97467
97496 97497 97555 97608 97632 97639 97689 97690 97835
97850 97866 97990 98040 98187 98200 98228 98258 98266
98278 98281 98282 98319 98320 98327 98336 98347 98355
98372 98382 98383 98400 98411 98416 98436 98485 98493
98508 98706 98712 98726 98750 98816 98821 98823 98927
99431 99769 99843 99981 100086 100498 104402 104403
105831.

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98570 98671 98675 98694 98695 98721 98739 98754 98756
98759 98765 98766 98773 98802 98844 98849 98858 98875
98883 98987 99032 99056 99186 99223 99249 99255 99350
99436 99448 99462 99505 99517 99580 99822 100165 100188
100200 100252 100253 100264 100265 100330 100333 100349
100380 100397 100449 100470 100478 100479 100505 100520
100526 100532 100559 100560 100599 100690 100710 100738
100743 100745 100761 100768 100796 100837 100916 100952
100957 101032 101037 101060 101267 101348 101364 101425
101450 101597 101672 101692 101757 101935 102045 102155
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96492 99205 99696 100850 100889 100904 100905 100946
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97136 97258 97298 97343 97347 97351 97372 97380 97403
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Amendment Proceedings

(1)

Notice is hereby given that Farbenfabriken Bayer Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, of Leverkusen, Federal Republic of Germany, manufacturers, have made an application under Section 57 of the Patents Act, 1970 for amendment of the application, specification and drawings of their application for patent No. 122077 for "Fungicidal compositions containing certain new chloroalkyl-thiophosphoric acid esters or ester amides". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Farbenfabriken Bayer Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, manufacturers, have filed an application under Section 57 of the Patents Act 1970 for amendment of application, specification and drawings of their Application for Patent No. 128978 for "Process for the preparation of Ureidophenylguanidines". The amendments are by way of correction of name of the applicants which has been changed to "Bayer Aktiengesellschaft" from "Farbenfabriken Bayer Aktiengesellschaft". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this

notification. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Farbenfabriken Bayer Aktiengesellschaft, a body corporate organised under the laws of the Federal Republic of Germany, of Leverkusen, Federal Republic of Germany, manufacturers, have filed an application under Section 57 of the Patent Act, 1970 for amendment of the application and specification of their application for Patent No. 130466 for "Process for the manufacture of copper phthalocyanine and nickel phthalocyanine". The amendments are by way of correction of name of the applicants which has been changed to 'Bayer Aktiengesellschaft' from "Farbenfabriken Bayer Aktiengesellschaft". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(4)

The amendment proposed by Toyo Engineering Corporation and another as advertised in the Part III, Section 2, of the Gazette of India dated the 9th September 1972 has been allowed.

**Patents deemed to be endorsed with the words
"Licences of Right"**

The following patents are deemed to have been endorsed with the words "Licences of right", under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. & Title of the invention

- 78999 (24-10-61) Process for halogenating organic compounds which are particularly unstable under the reaction conditions more particularly organic peroxides.
- 79011 (24-10-61) New vat dyestuffs, their manufacture and their use for dyeing or printing textile materials.
- 79061 (27-10-61) Process for the direct reduction of oxidic ores.
- 79074 (28-10-61) Method and device for homogenizing a liquid or a liquid mixture.
- 79075 (28-10-61) Improvements in or relating to the two stage electro-chemical production of dialdehyde starch.
- 79079 (28-10-61) Process for the production of new triazine salts and agents for combating weeds containing the same.
- 79084 (2-11-60) Process for the preparation of 2-isoxazolin-5-ones.
- 79102 (28-2-61) Hydrocarbon reforming catalyst and process using same.
- 79108 (31-10-61) Pest combating agent.
- 79109 (31-10-61) New triazine derivatives, compositions, containing same, and process for their preparation.
- 79134 (11-11-60) Process for the manufacture of copper polybromo-chlorophthalocyanine pigments.
- 79168 (2-11-61) Catalytic polymerization of mono-unsaturated alphaolefins.
- 79175 (2-11-61) Process for production of rubbery polymers.
- 79189 (3-11-61) Composition and process for the production of metallurgical coke.
- 79192 (3-11-61) Process for the direct reduction of oxidic ore.
- 79211 (6-11-61) A method for the production of superior grade (smoke point above 20 mm.) of kerosene and aviation turbine fuels from high aromatic content (about 40%) middle distillates of crude oil.

No. & Title of the invention

- 79212 (6-11-61) Improvements in and or relating to the electrolytic reduction of m-dinitrobenzene to 2:4 diaminophenol.
- 79219 (11-11-60) Process for the manufacture of new azo dyestuffs suitable for dyeing or colouring textile materials.
- 79230 (6-11-61) Process for the preparation of 2, 5-dibenzimidazolyl-furans.
- 79231 (6-11-61) Improvements in or relating to clarifying liquids containing solids, contaminants and the like particles.
- 79252 (15-7-59) Improvements in or relating to L-substituted benzyl-penicillins.
- 79264 (9-11-61) Olefin copolymers and process for preparing them.
- 79286 (13-11-61) Halogenated hydroxy-aminoanthraquinone and process for their manufacture.
- 79312 (14-11-61) Process for the preparation of alkyd resins and coating mixtures containing the same, suitable for coating articles.
- 79318 (14-11-61) Aqueous acid electrolytic bath and process for electro-nickel.
- 79323 (6-1-61) Method and apparatus for magnetic concentration of particulate material.
- 79334 (23-11-60) New monoazo compounds.
- 79338 (15-11-61) Process and furnace for melting and working basalts and silicates.
- 79341 (15-11-61) Copolymers.
- 79352 (16-11-61) Process for the production of pure methanol from crude synthetic methanol.
- 79403 (20-11-61) Improvements relating to the isomerisation of paraffin hydrocarbons.
- 79415 (20-11-61) Water-insoluble monoazo-dyestuffs and process for their manufacture.
- 79430 (21-11-61) Anti-wilting agents for plants and fruits.
- 79434 (29-11-60) Improvements relating to the removal of hydrogen sulphide.
- 79439 (21-11-61) Improvements in or relating to the degasification of metal.
- 79445 (21-11-61) New vat dyestuffs and process for their manufacture.
- 79448 (22-11-61) Composition comprising an alkali metal borohydride and an alkali metal hydro-sulfite and method of treating material chemically reducible by hydrosulfite.
- 79470 (23-11-61) Methods, systems and apparatus for separating a solute in substantially pure form from solutions.
- 79484 (24-11-61) Process for recovering residual solid carbon remaining after iron ore reduction.
- 79491 (24-11-61) New vat dyes, their manufacture and their use for dyeing textiles.
- 79505 (27-11-61) Manufacture of trichlorocyanuric acid.
- 79529 (27-11-61) New derivatives of carbamic acid and their manufacture and herbicidal agents containing them.
- 79530 (27-11-61) New vat dyestuffs, their manufacture and use.
- 79531 (27-11-61) New vat dyestuffs and process for their manufacture.
- 79532 (27-11-61) New vat dyestuffs, their manufacture and use.
- 79535 (27-11-61) New dyestuffs containing triazine groups, process for the manufacture thereof and dyeing or printing polyester fibres therewith.
- 79543 (19-12-60) Process for the preparation of coating compositions.

<i>No. & Title of the invention</i>	<i>No. & Title of the invention</i>
79566 (29-11-61) Process for the catalytic hydrocracking of high boiling hydrocarbon oil.	79954 (23-12-61) New-bis-triazinylamino stilbene compounds, a process for their production and then application for optical brightening of textile materials.
79575 (30-11-60) Improvements in or relating to 8-hydroxy-quinoline compounds.	79959 (23-12-61) Process for preparing fungicidal organic sulfur compounds from chloromethyl phenylacetate.
79578 (30-11-61) Process for the manufacture of 2, 6-dichlorobenzaldehyde and/or 2, 6-dichlorobenzylchloride.	79982 (26-8-60) New piperidine derivatives and processes for preparing the same.
79579 (30-11-61) Improvements in isomerization of olefins.	79983 (7-7-60) Pesticidal compositions containing phosphorus esters.
79603 (9-10-61) Urethanes and process for their production.	79993 (27-12-61) New azo-dyestuffs and process for their manufacture.
79605 (1-12-61) Polymeric compositions and a process for making them.	80002 (27-12-61) Coating composition and a method of making them.
79629 (4-12-61) Process for their preparation of acrolein by catalytic oxidation of propylene.	80004 (27-12-61) New azo-dyestuffs and process for their manufacture and use.
79630 (4-12-61) Herbicide.	80011 (28-12-61) Process for the production of 1-hydroxy-4-phenyl-amino-anthraquinone compounds and their use for dyeing polyester material.
79631 (4-12-61) Herbicidal compositions.	80043 (30-12-61) Process for the production of new poly-N-diacetic acid imides.
79639 (4-12-61) Organic dyestuffs and process for their manufacture.	80044 (30-12-61) Process for the production of poly-N-diacetic acid imides.
79642 (4-12-61) New water-insoluble monoazo-dyestuffs and process for their manufacture and use.	80060 (2-1-62) Catalytic hydrocracking.
79653 (23-9-60) Process for preparing 6-substituted-3- (1, 1, 1-trifluoroethyl) -7-sufamyl-3, 4-dihydrobenzo-1, 1-dioxo-1-thia-2, 4-diazines.	80066 (3-1-62) Herbicidal compositions containing halogenated thiobenzamides.
79657 (5-12-61) Fugitive tints and process for their preparation.	80079 (4-1-62) Process for the production of new poly-N-diacetic acid imides.
79660 (5-12-61) New azo-dyestuffs and process for their manufacture.	80086 (4-1-62) Milk coagulating enzyme 'microbial rennet', method of preparation thereof and coagulating milk or making cheese therewith.
79665 (5-12-61) Block polymers.	80096 (5-1-62) New thiophene derivatives.
79666 (5-12-61) Process for the polymerization of alpha-olefins.	80105 (5-1-62) Stable composition of polypropylene and process of preparation thereof.
79667 (5-12-61) Process for the polymerization of propylene.	80106 (5-1-62) Stable composition of polypropylene and process of preparation thereof.
79669 (5-12-61) Novel catalyst and olefin polymerization therewith.	80107 (5-1-62) Polypropylene composition and a process of preparation thereof.
79687 (7-12-61) Method of refining amyloglucosidase preparations and hydrolyzing starch therewith.	80110 (5-1-62) Novel catalyst system and olefin polymerization therewith.
79727 (11-12-61) A water-insoluble yellow monoazo-dyestuffs, process for its manufacture and printing inks which have been coloured with said monoazo-dyestuff.	
79741 (21-7-59) Process for the production of pigment dyestuffs of the quinacridone series.	
79759 (12-12-61) Process for the preparation of thiophene-2, 5-dicarboxylic acid.	
79767 (12-12-61) Process for the preparation of phosphorus esters and pesticidal composition containing them.	
79787 (14-12-61) Method and apparatus for producing steel.	
79802 (15-12-61) A process for the preparation of metal salts of α -hydroxy- γ -methyl mercapto butyric acid.	
79819 (16-12-61) Process for the production of nitrated imino dibenzyl derivatives.	
79820 (16-12-61) Process for the production of nitrated iminodibenzyl derivatives.	
79838 (18-12-61) Polymerization of conjugated dienes.	
79843 (18-12-61) Organic diperoxides, process for preparing them, and use of the same in the vulcanization of vulcanizable olefinic polymers.	
79885 (20-12-61) Modified polypropylene and process for producing it.	
79898 (20-12-61) Method of reducing iron ore in rotary furnaces with gaseous and liquid reducing agents.	
79912 (21-12-61) Removal of acidic gases from gaseous mixtures.	
79922 (21-12-61) Liquid composition for emission of a biologically active substance and a device therefor.	
79940 (22-12-61) New water insoluble dis azo-dyestuffs containing carboxylic acid amide groups and process for their manufacture.	

Renewal Fees Paid

62674	62699	62728	62870	63609	65651	66200	66363	66478
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*Renewal Fees Paid Filed at Patent Office
 (Bombay Branch)*

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 118709 119122 119346

*Renewal Fees Paid Filed in Patent Office
 (Madras Branch)*

104173 108374 108874 109247 114380 119611

Cessation of Patents

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Restoration Proceedings

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent Nos. 92008 and its addition No. 100850 granted to Lonza Ltd. for an invention relating to "a process for the production of trimeric ruthenium tetracarbonyl". The patent ceased on the 30th January, 1969 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 1st May, 1971.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on or before the 6th March, 1973, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 139785. Aktiebolaget Ljungmans Verkstader, Linhamnsvagen 109, 5-216 13 Malmo, Sweden, a Swedish Company, "A petrol pump", April 18, 1972.

Class 1. Nos. 139844 to 139846. Bhagchand Prathviraj Hingarh Mahal Industrial Estate, Mahakali Caves Road, Andheri (East), Bombay-69, Maharashtra State, An Indian Subject, "Umbrella's tube", April 28, 1972.

Class 1. No. 139953. Mrs. Kunjbala Chinubhai Gandhi, Indian national, residing at Shreyas, Nariman Point, Backbay Reclamation, Bombay-29, State of Maharashtra, India, "Weights to be attached to a orthopaedic traction apparatus", June 7, 1972.

Class 1. No. 139970. Press Metal Corporation Private Limited, A Company incorporated in India under the Companies Act, 1956 and having its registered office at Marol, Andheri-Kurla Road, Bombay-59, State of Maharashtra, India, "Walk-ways and catwalks being specially constructed platforms which are perforated and non-slippery for construction purposes", June 12, 1972.

Class 1. No. 140052. Trinka Traders, 12/10-East Patel Nagar, New Delhi-8, Indian, "Bottle opener", July 14, 1972.

Class 3. No. 139629. Desma Rubber Corporation, Nehru Market, Hing-Ki-Mandi, Agra, a registered firm under the Indian Partnership Act, 1932, "Shoe sole", March 7, 1972.

Class 3. Nos. 139774 to 139776. Chandrakant Somabhai Patel, an Indian National, 19, Sampatrao Colony, Baroda-5, State of Gujarat, India, "A plastic Bottle", April 15, 1972.

Class 3. No. 139853. Mrs. Bhanuben Ramanlal Mistri, An Indian Citizen, Mahadeo Nagar, Bilimora, Dist: Surat, Gujarat State, India, "A reel", May 4, 1972.

Class 3. No. 139854. Jimmy Sorabji Lawyer, Erach Sorabji Lawyer and Darius Jehangir Lawyer, all being Indian Citizens and having their office at 16, Horniman Circle, Bombay-1 (BR), Maharashtra, India, "A bib", May 5, 1972.

Class 3. No. 139855. V. M. Mistry & Sons, Bazar Dholka, District Ahmedabad, Gujarat State, India, an Indian Registered Partnership Firm, "Chair", May 5, 1972.

Class 3. No. 139865. Dunlop Limited, a British Company, Dunlop House, Ryder Street, St. Jame's London, S. W. 1, England, "Tyre for a vehicle wheel", May 9, 1972.

Class 3. No. 139922. Mohamad Daud, Mohamad Daud & Sons, Shop No. 163, Block No. 8, Shahi Gate, Jama Masjid, Delhi-6, Indian National, "Mosquito net rod", May 26, 1972.

Class 3. No. 140025. Kailash Rubber Industries, Durbar House, 45 M. G. Road, Agra-2 UP, Indian Partnership Concern, "The soles of boots, shoes and the like footwear", July 7, 1972.

Class 3. No. 140041. Pran Nath Sikand, Proprietor of Sikand Plastics, 7-Barakhamba Road, New Delhi-1, India An Indian National, "A receptacle", July 10, 1972.

Class 3. No. 140051. Mrs. Kunjbala Chinubhai Gandhi, Indian national, residing at Shreyas, Nariman Point, Backbay Reclamation, Bombay-29, State of Maharashtra, India, "A soap-holder", July 14, 1972.

Class 3. No. 140056. Mrs. Kamlabai Narayan Rashinkar, 498, Shanwar Peth, Poona-30, Maharashtra State, India, Nationality—An Indian Subject, "Adjustable calender", July 17, 1972.

Class 3. No. 140074. Jai Singh Narula, 154/4/W.E.A., Karol Bagh, New Delhi-5, Thai National, "Nipple of baby soother" July 21, 1972.

Class 3. No. 140077. Jai Singh Narula, 15A/4/W.E.A., Karol Bagh, New Delhi-5, Thai National, "Nipple for feeding bottle", July 21, 1972.

Class 5. No. 140038. Christine Haden (India) Pvt., Ltd., an Indian Company carrying on business at Salgaocar Bldg. Vasco da Gama, Union Territory Goa, "Wrappers". July 10, 1972.

S. VEDARAMAN,

*Controller General of Patents, Designs
and Trade Marks.*